

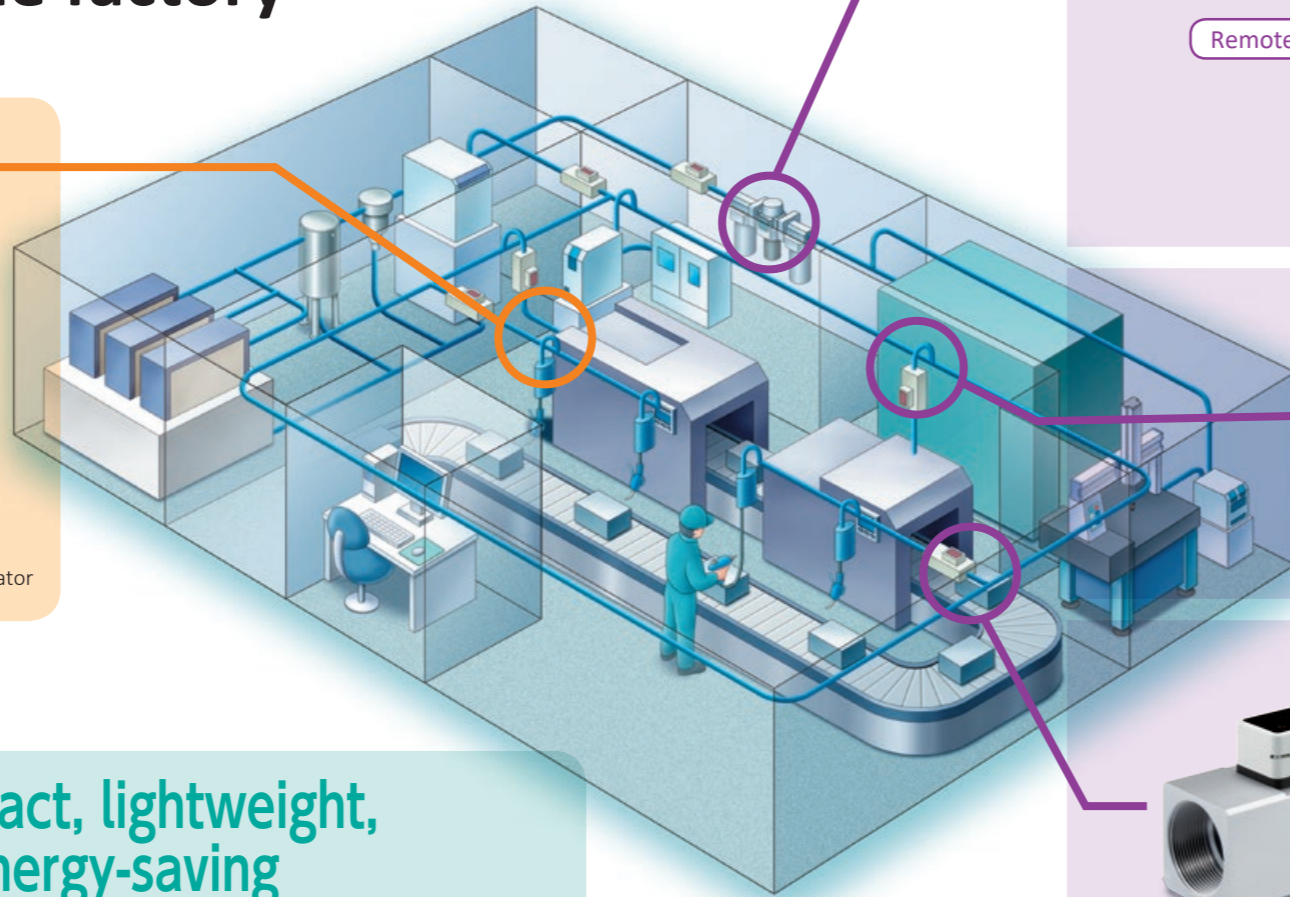
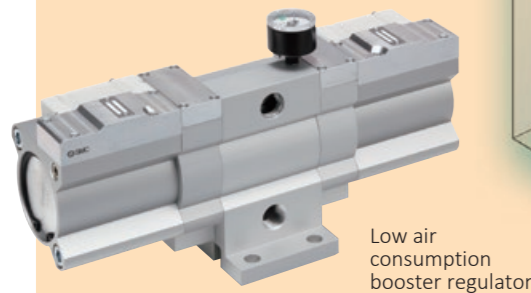
Eco-Products

Pneumatic instruments use pressurized air produced by compressors as their power source. By maintaining a low air pressure and flow one can reduce the energy consumed by the air compressors. As a specialist in automatic control equipment including pneumatic instruments, SMC provides total solutions that reduce the overall amount of energy consumption at our customers' factories.

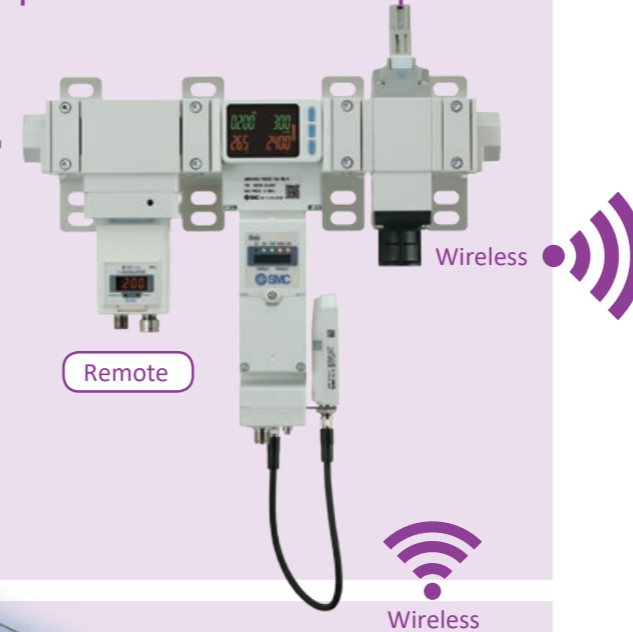
- Our pressure booster valves can be used to boost pressure only where necessary in order to keep the main supply air pressure low
- Compact, lightweight, air-saving, and energy-saving products based on our knowhow cultivated over many years
- Visualizing air pressure, air flow, and temperature and reducing air leaks
- Automatically controls air pressure and air flow in line with the operating conditions of the facility

Contributes to CO₂ reduction throughout the factory

Increases air pressure only where necessary



Visualizing and controlling air pressure, air flow, and temperature

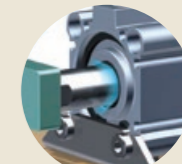


Idling Optimization

- Reduce CO₂
- Visual Indication
- Expandable



Leaks from pipe connections due to installation errors



Leaks caused by sealing friction



Purge air consumption necessary for functioning



Example of use in the SMC's own production line



Actuators

54% compact and lightweight

Valves

200million drive cycles

Vacuum equipment

93% air-saving

Air blow

87% air-saving

Compact, lightweight, energy-saving product lineup